

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: EXTEND Signature Genes. Tissue expression pattern was obtained from GTEx data. The bottom half of the table lists details of the 108 TERT co-expressed genes in LGG, including correlation coefficient, p value, fold change in expression between TERTp mutant and ATRX altered tumors.

File Name: Supplementary Data 2

Description: Pathway enrichment of telomerase signature genes retrieved through MSigDB.

File Name: Supplementary Data 3

Description: EXTEND Scores for samples cross Genotype-Tissue Expression (GTEx) data

File Name: Supplementary Data 4

Description: EXTEND Scores for 31 cancer types in TCGA.

File Name: Supplementary Data 5

Description: EXTEND Scores and Stemness index correlation (Spearman rank test) based on permutations across TCGA cohort

File Name: Supplementary Data 6

Description: Pathways enrichment (MSigDB) for Up and downregulated genes based on high and low EXTEND Scores for 3 single cell data sets (Glioblastoma, Medulloblastoma and Head and Neck cancers).